Project WET
Connections to
KY Core Content 4.1

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Elementary

Science
SC-05-2.3.2
Students will explain interactions of water with Earth materials and results of those interactions (e.g., dissolving minerals, moving minerals and gases).

SC-04-4.7.2
Students will:
- describe human interactions in the environment where they live;
- classify the interactions as beneficial or harmful to the environment using data/evidence to support conclusions.

All organisms, including humans, cause changes in the environment where they live. Some of these changes are detrimental to the organism or to other organisms; other changes are beneficial (e.g., dams benefit some aquatic organisms but are detrimental to others). By evaluating the consequences of change using cause and effect relationships, solutions to real life situations/dilemmas can be proposed.
DOK 3

Social Studies
SS-EP-4.1.1
Students will use geographic tools (e.g., maps, globes, mental maps, charts, graphs) to locate and describe familiar places at home, school and the community.

SS-04-4.1.1
Students will use geographic tools (e.g., maps, charts, graphs) to identify and describe natural resources and other physical characteristics (e.g., major landforms, major bodies of water, weather, climate, roads, bridges) in regions of Kentucky and the United States. DOK 2

SS-EP-4.1.2
Students will use geographic tools to identify major landforms (e.g., continents, mountain ranges), bodies of water (e.g., oceans, major rivers) and natural resources on Earth's surface and use relative location.

SS-04-4.1.2

Students will use geographic tools to locate major landforms, bodies of water, places and objects in Kentucky by their absolute and relative locations.

SS-05-4.1.2
Students will use geographic tools to locate and describe major landforms, bodies of water, places and objects in the United States by their absolute location.
DOK 2

Mathematics
MA-05-2.1.3
Students will use measurements to identify, describe, sort and compare attributes of objects and apply these to solve real-world and mathematical problems.

Middle School

Social Studies

SS-06-4.1.1
Students will use a variety of geographic tools (maps, photographs, charts, graphs, databases, satellite images) to interpret patterns and locations on Earth’s surface in the present day. DOK 3

Mathematics
MA-08-2.1.3
Students will evaluate the measures of angles by estimation, measurement with a protractor or angle ruler and determine angle measures in mathematical and/or real-world situations (e.g., supplementary, external, vertical).DOK 2

High School

Science

SC-HS-4.7.2
Students will:

- evaluate proposed solutions from multiple perspectives to environmental problems caused by human interaction;
- justify positions using evidence/data.

Human beings live within the world's ecosystems. Human activities can deliberately or inadvertently alter the dynamics in ecosystems. These activities can threaten current and future global stability and, if not addressed, ecosystems can be irreversibly affected.
DOK 3

Social Studies
SS-HS-4.1.1

Students will use a variety of geographic tools (e.g., maps, globes, photographs, models, satellite images, charts, graphs, databases) to explain and analyze the reasons for the distribution of physical and human features on Earth's surface.
DOK 3

Mathematics
MA-HS-2.2.1
Students will continue to apply to both real-world and mathematical problems U.S. customary and metric systems of measurement.

MA-HS-3.1.3
Students will analyze and apply angle relationships (e.g., linear pairs, vertical, complementary, supplementary, corresponding and alternate interior angles) in real-world and mathematical problems.